

1 Claims 1-6 (canceled)

2 Add new claims 7-11

3 7. (New) An expander locking plier having a fixed arm and a moveable arm linked together by a  
4 helical spring and a quick release mechanism similar to the design of a conventional locking plier  
5 comprising:

6 a J-shape clamping arm with an adjustable fixed jaw attached to a first end of said fixed arm; said  
7 J-shape clamping arm is attached with its straight end at a right angle to said first end of said fixed arm  
8 through a L-shape metal plate with a plurality of rivets;

9 an adjustable moving jaw pivoted to one end of said movable arm, forming a crossed relationship  
10 with said J-shape clamping arm; and

11 a rear adjustment screw with a cylindrical hole inserted into a second end of said fixed arm.

12 8. (New) An expander locking plier having a fixed arm and a moveable arm linked together by a  
13 helical spring and a quick release mechanism similar to the design of a conventional locking plier  
14 comprising:

15 a J-shape clamping arm with an adjustable fixed jaw attached to a first end of said fixed arm; said  
16 J-shape clamping arm is made of two J-shape metal plates spaced apart and fixed at its straight end by said  
17 L-shape metal plate and spaced apart and fixed at its curved end by a rectangular metal block forming a  
18 hollow section at middle portion of said J-shape clamping arm;

19 an adjustable moving jaw pivoted to one end of said movable arm, forming a crossed relationship  
20 with said J-shape clamping arm; and

21 a rear adjustment screw with a cylindrical hole inserted into a second end of said fixed arm.

22 9. (New) The expander locking plier according to claim 8, wherein said rectangular metal block is  
23 equipped with a vertical threaded hole to accept said adjustable fixed jaw.

24 10. (New) An expander locking plier having a fixed arm and a moveable arm linked together by a  
25 helical spring and a quick release mechanism similar to the design of a conventional locking plier  
26 comprising:

27 a J-shape clamping arm with an adjustable fixed jaw attached to a first end of said fixed arm;

28 an adjustable moving jaw pivoted to one end of said movable arm, forming a crossed relationship  
29 with said J-shape clamping arm; said adjustable moving jaw consists of a solid metal shank with a larger  
30 end connecting said fixed arm and said moveable arm by pivots and with a smaller end feeding through said  
31 hollow section at said middle portion of said J-shape clamping arm to form said crossed relationship; and

1 a rear adjustment screw with a cylindrical hole inserted into a second end of said fixed arm.

2 11. (New) An expander locking plier having a fixed arm and a moveable arm linked together by a  
3 helical spring and a quick release mechanism similar to the design of a conventional locking plier  
4 comprising:

5 a J-shape clamping arm with an adjustable fixed jaw attached to a first end of said fixed arm;

6 an adjustable moving jaw pivoted to one end of said movable arm, forming a crossed relationship  
7 with said J-shape clamping arm; and

8 a rear adjustment screw with a cylindrical hole inserted into a second end of said fixed arm;

9 said rear adjustment screw having a cylindrical head consisting of said cylindrical hole, said  
10 cylindrical hole being made at right angle to the axis of said cylindrical head to accept a metal rod or a  
11 screw driver when greater clamping force is required.